



TE Internal #: 5-1813099-1  
4 Position Housing, Housing for Female Terminals, Wire-to-Wire, 7 mm [.276 in] Centerline, Sealable, Black, Cable Mount (Free-Hanging)  
[View on TE.com >](#)

Connectors > Automotive Connectors > Automotive Housings > Circular DIN Housings



Number of Positions: 4  
Connector & Housing Type: **Housing for Female Terminals**  
Mating Pin Diameter: 2.5 mm [.098 in]  
Connector System: **Wire-to-Wire**  
Centerline (Pitch): 7 mm [.276 in]

[All Circular DIN Housings \(64\)](#)

Features

Industry Standards

IP Rating	IP69K
UL Flammability Rating	UL 94HB

Dimensions

Row-to-Row Spacing	7 mm[.276 in]
Product Width	31 mm[1.22 in]
Product Length	32.9 mm[1.295 in]
Connector Height	32.9 mm[1.295 in]

Packaging Features

Packaging Quantity	100
Packaging Method	Bag

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No



Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Electrical Characteristics

Operating Voltage	12 VDC
Nominal Voltage Architecture	24 V, 42 V, 12 V, 48 V

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	7 mm[.276 in]

Contact Features

Contact Size	2.5mm
Contact Type	Socket
Mating Pin Diameter	2.5 mm[.098 in]

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	On the Terminal

Configuration Features

Number of Positions	4
Number of Rows	2

Body Features

Primary Product Color	Black
Connector & Keying Code	1

Usage Conditions

Operating Temperature (Max)	80 °C, 105 °C, 100 °C, 90 °C, 85 °C, 75 °C, 70 °C, 110 °C, 120 °C[248 °F][221 °F][158 °F][167 °F][230 °F][176 °F][194 °F][185 °F][212 °F]
Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]

Other



Connector Position Assurance Capable	No
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance


For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability


Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>


Compatible Parts



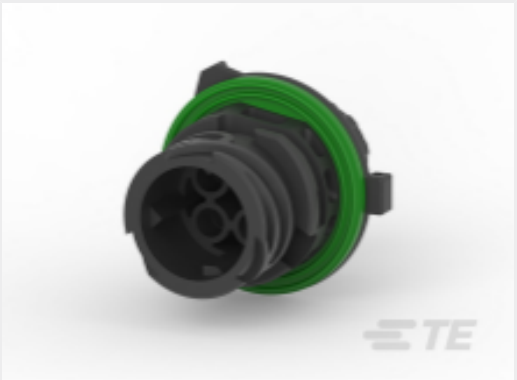
TE Part # 828922-1  
2,5MM CAVITY PLUG FOR 5,4MM DI



TE Part # CAT-R7602-T273  
ROUND CONNECTOR SYSTEM, PIN AND SOCKET



TE Part # 828920-1  
EINZELADERDICHUNG



TE Part # 1-967402-1  
2,5MM ST-GEH KPL 4P

Customers Also Bought





TE Part #2137358-4  
AMP-MCP 2.8mm RECEPTACLE  
HOUSING , 18POS



TE Part #5-929080-5  
2POS MQS REC COD E



TE Part #1897659-1  
250 FASTON REC CONT



TE Part #2295764-1  
MINIRELAY HOLDER ASSEMBLY

TE Part #2301609-1  
FUSE+REL BOX ASSY PCB SHANQI  
HD10

TE Part #2304926-1  
MINI-RELAY RETAINER

TE Part #2305236-2  
SB-FUSE RETAINER

TE Part #2333679-1  
MINI-FUSE RETAINER

TE Part #2333679-2  
MINI-FUSE RETAINER



TE Part #2295766-1  
MINIFUSE HOLDER ASSEMBLY

Documents

Product Drawings

2.5mm SOCKET HSG ASSEMBLY(BLACK 4 POS)

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_5-1813099-1\_A\_c-5-1813099-1-a.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1813099-1\_A\_c-5-1813099-1-a.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_5-1813099-1\_A\_c-5-1813099-1-a.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Application Specification

English